

Polykemi AB SCANAMID 66 A11^ X30 Nylon 66, Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Information provided by Polykemi AB

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polykemi-AB-SCANAMID-66-A11-X30-Nylon-66-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ISO 1183
Filler Content	30 %	30 %	±2%; Polykemi

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	<= 75.0 MPa	<= 10900 psi	ISO/R527
Elongation at Break	5.0 %	5.0 %	ISO/R527
Flexural Strength	<= 140 MPa	<= 20300 psi	ISO 178
Flexural Modulus	3.80 GPa @Temperature 23.0 °C	551 ksi @Temperature 73.4 °F	ISO 178
Charpy Impact, Notched	0.500 J/cm ² @Temperature 23.0 °C	2.38 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	
Glow Wire Test	650 °C @Thickness 2.00 mm	1200 °F @Thickness 0.0787 in	IEC 695-2-1

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